

YSZd = dense YSZ

YSZp = porous YSZ

□, $P_{\max} = 5.1 \text{ mW/cm}^2$

○, $P_{\max} = 19.4 \text{ mW/cm}^2$

△, $P_{\max} = 34.6 \text{ mW/cm}^2$

▼, $P_{\max} = 4.0 \text{ mW/cm}^2$

●, $P_{\max} = 46.6 \text{ mW/cm}^2$

FIG.1

FIG.2A

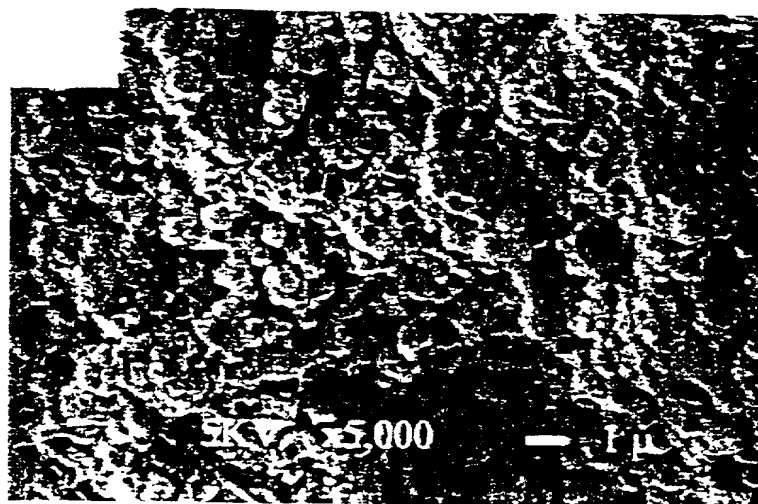
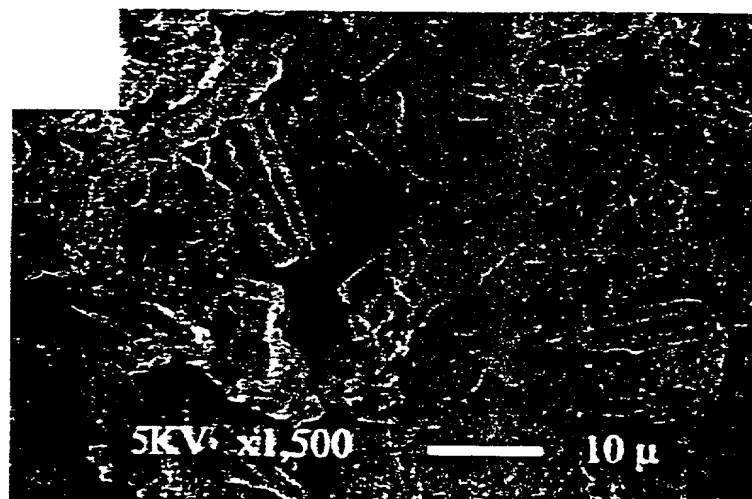


FIG.2B



FIG.2C



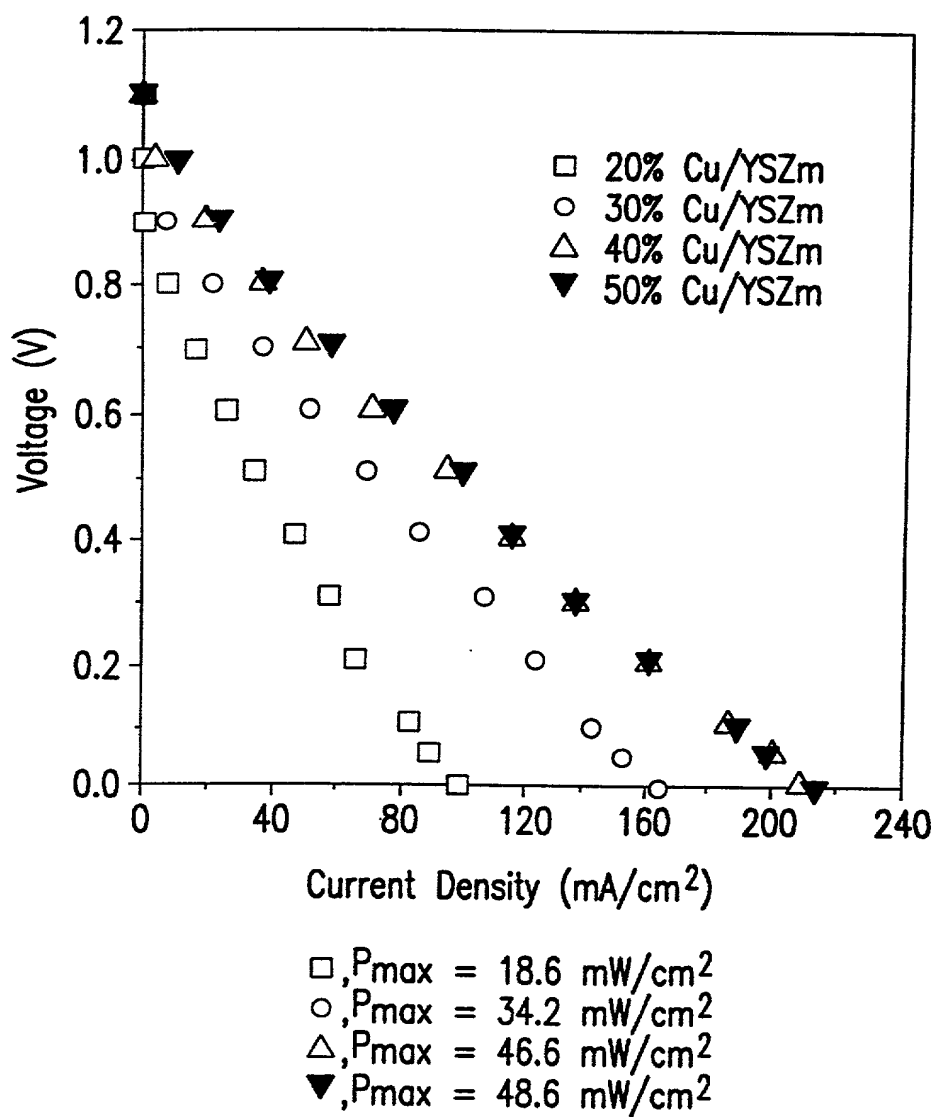


FIG.3

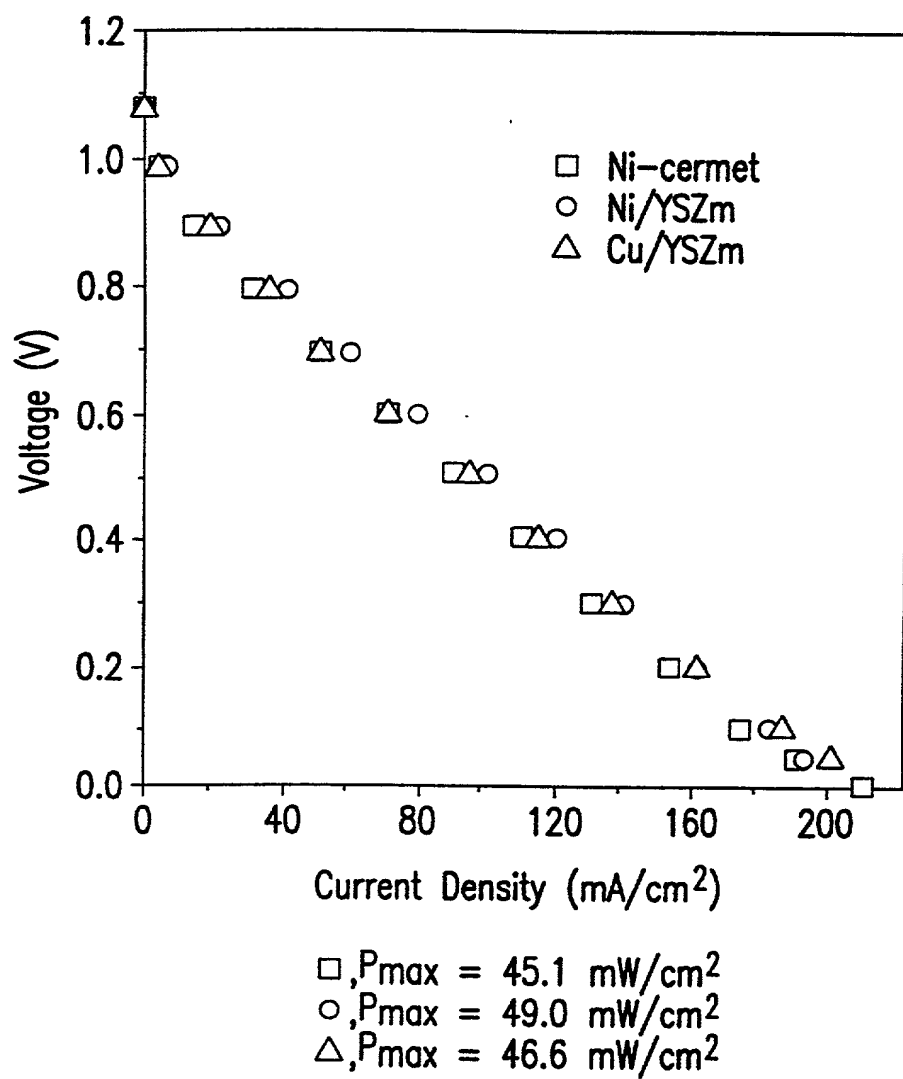


FIG.4

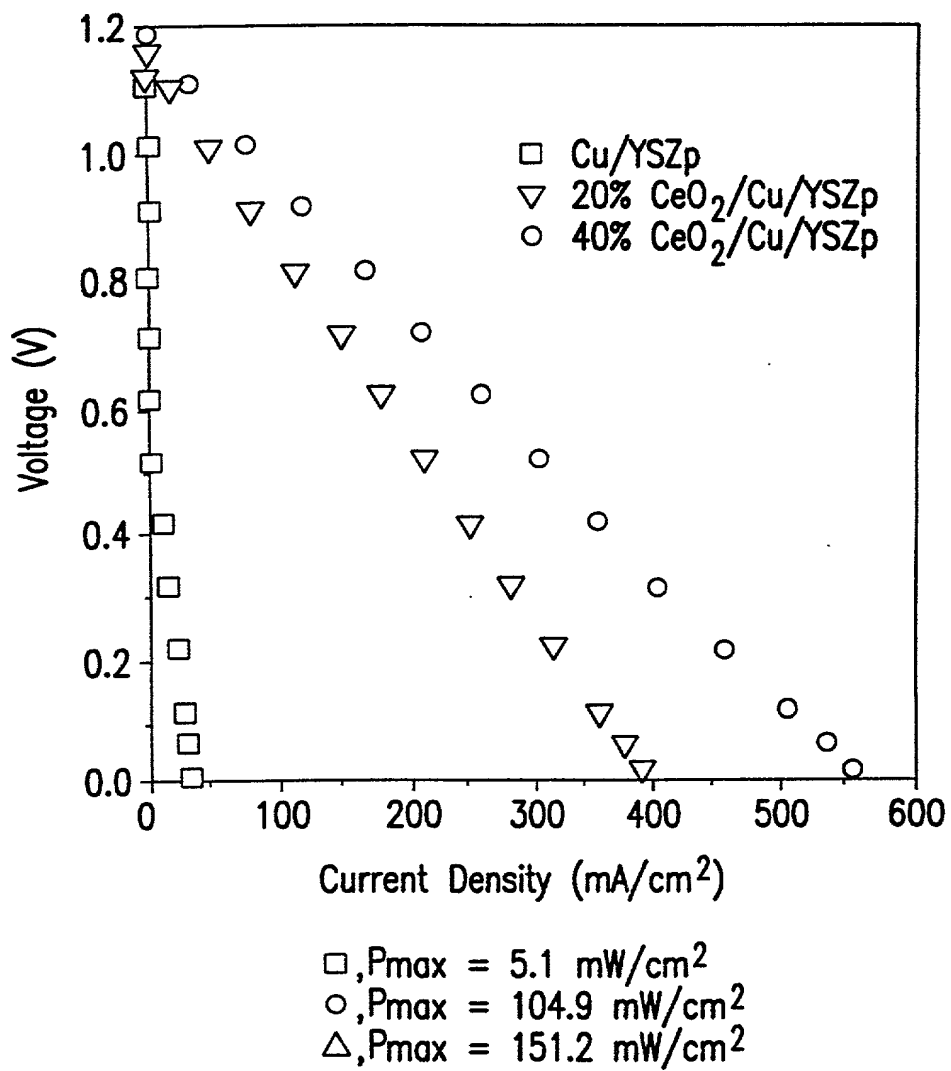


FIG.5

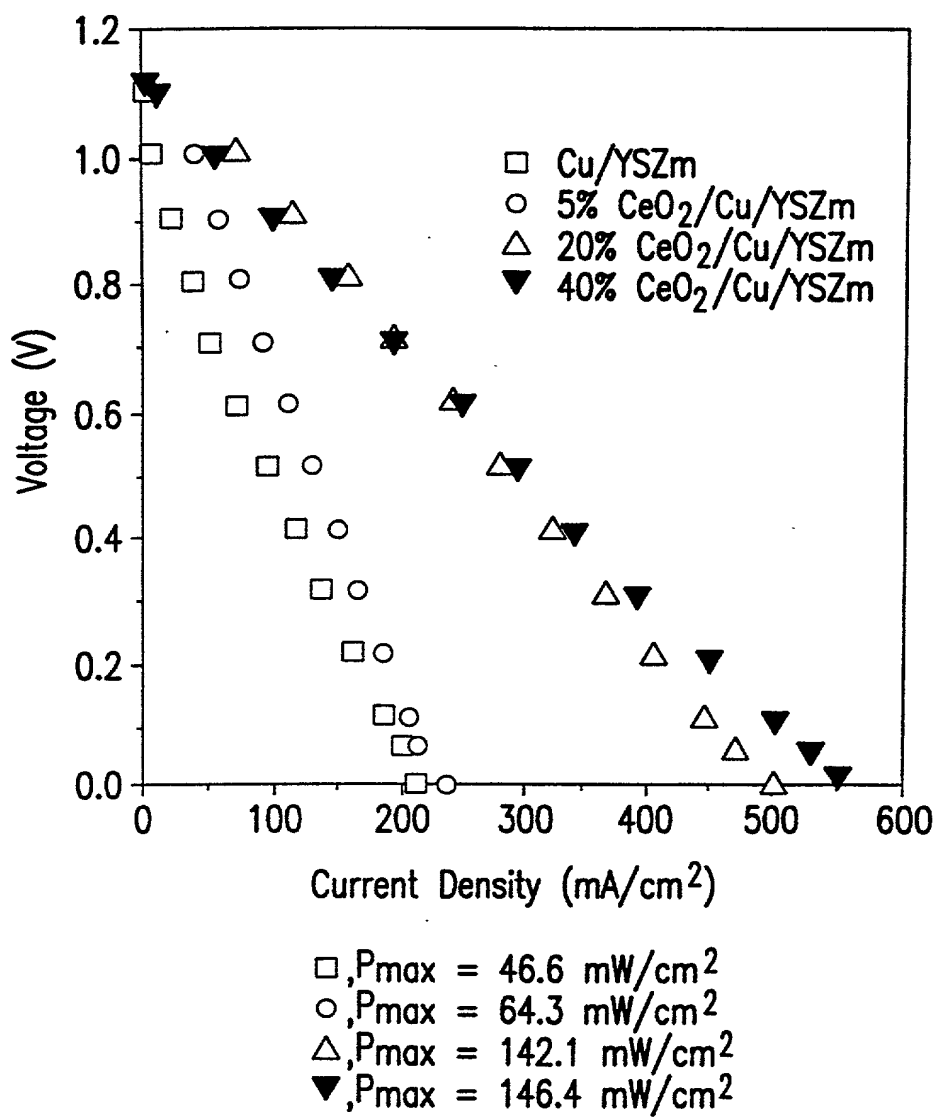
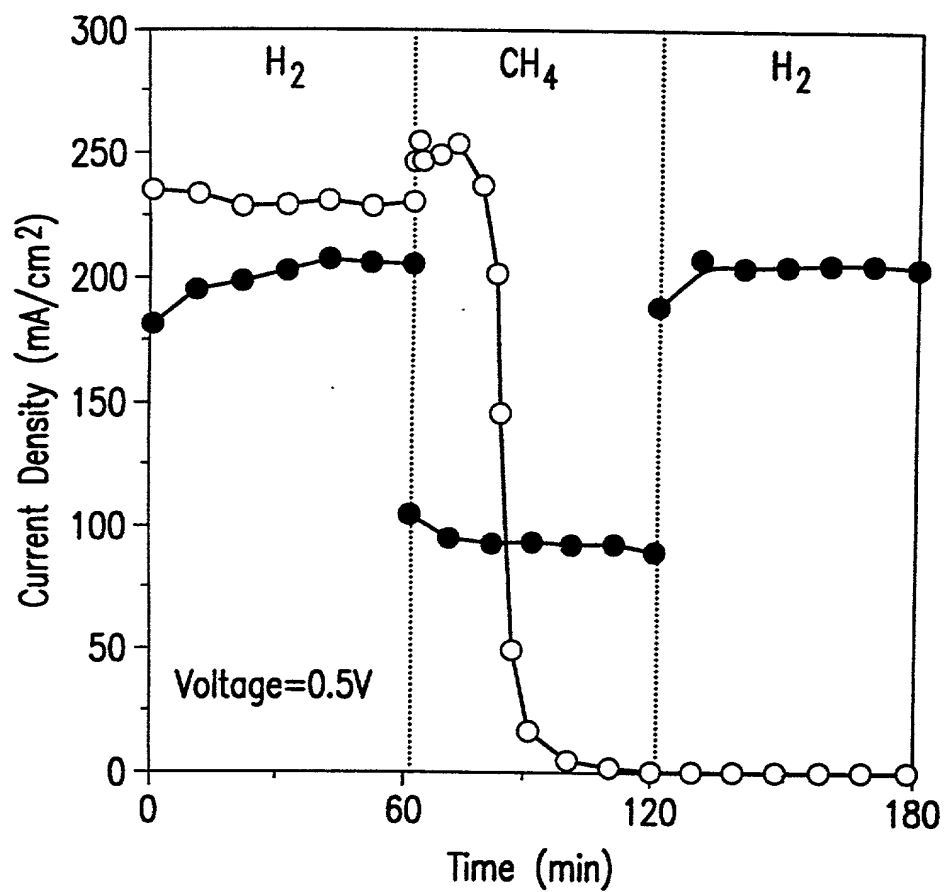


FIG.6



● - Cu/CeO₂/YSZ
○ - Ni/CeO₂/YSZ

Temperature = 800°F

FIG.7

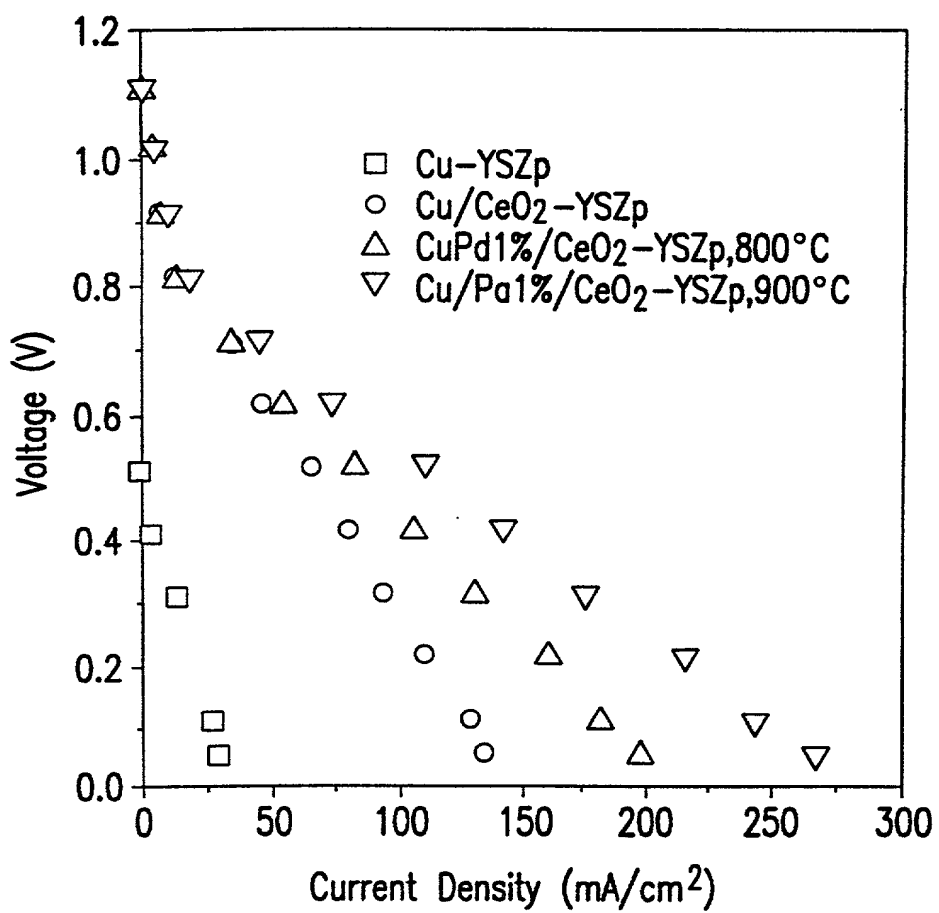


FIG.8

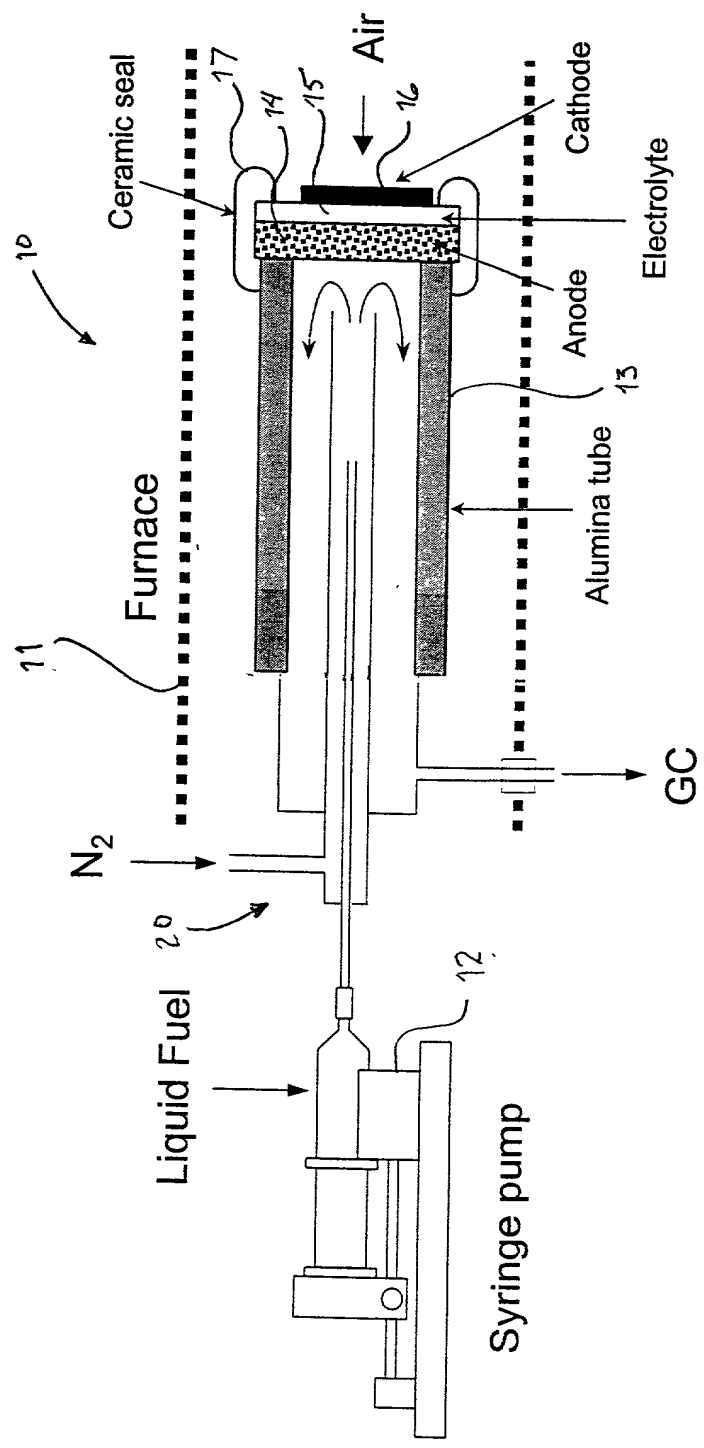
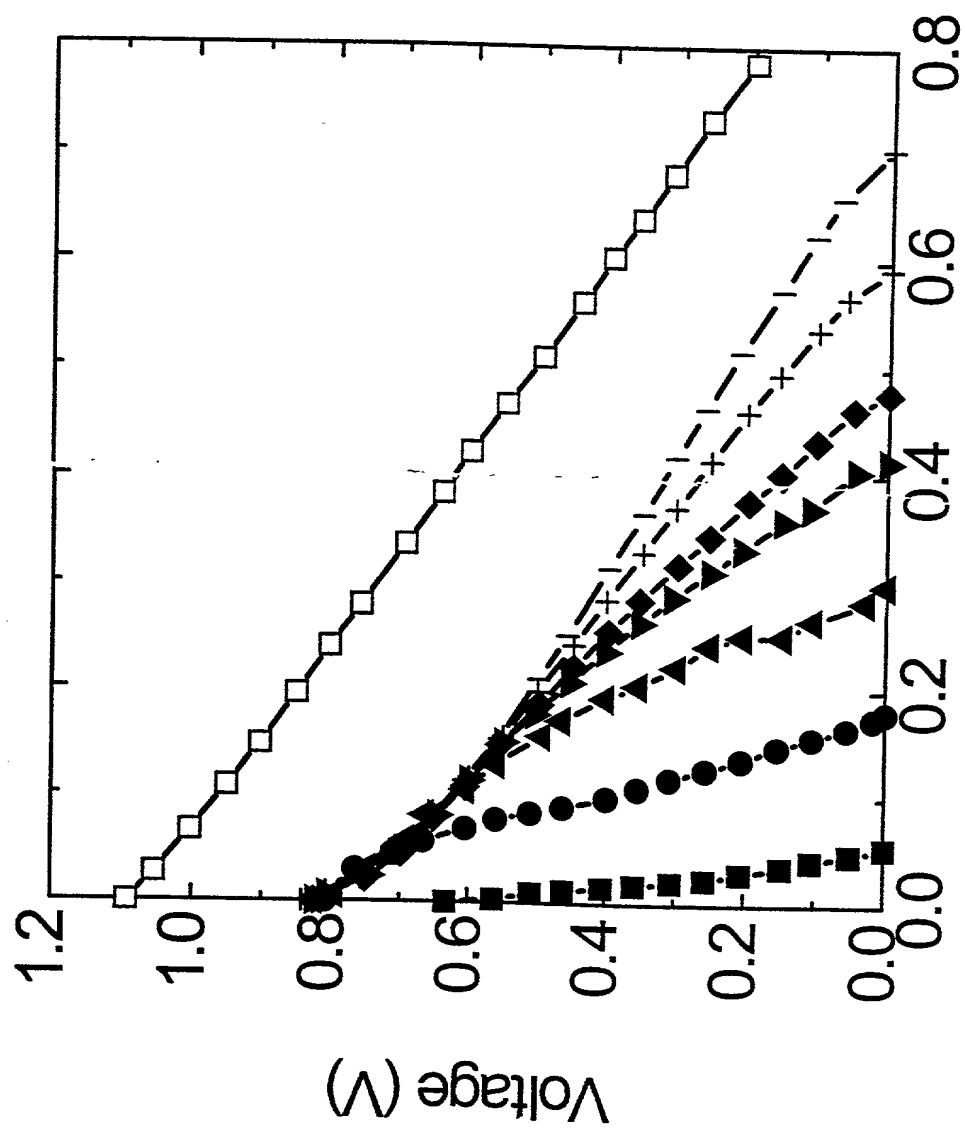


Fig. 9



Current Density (A/cm²)

Fig. 10

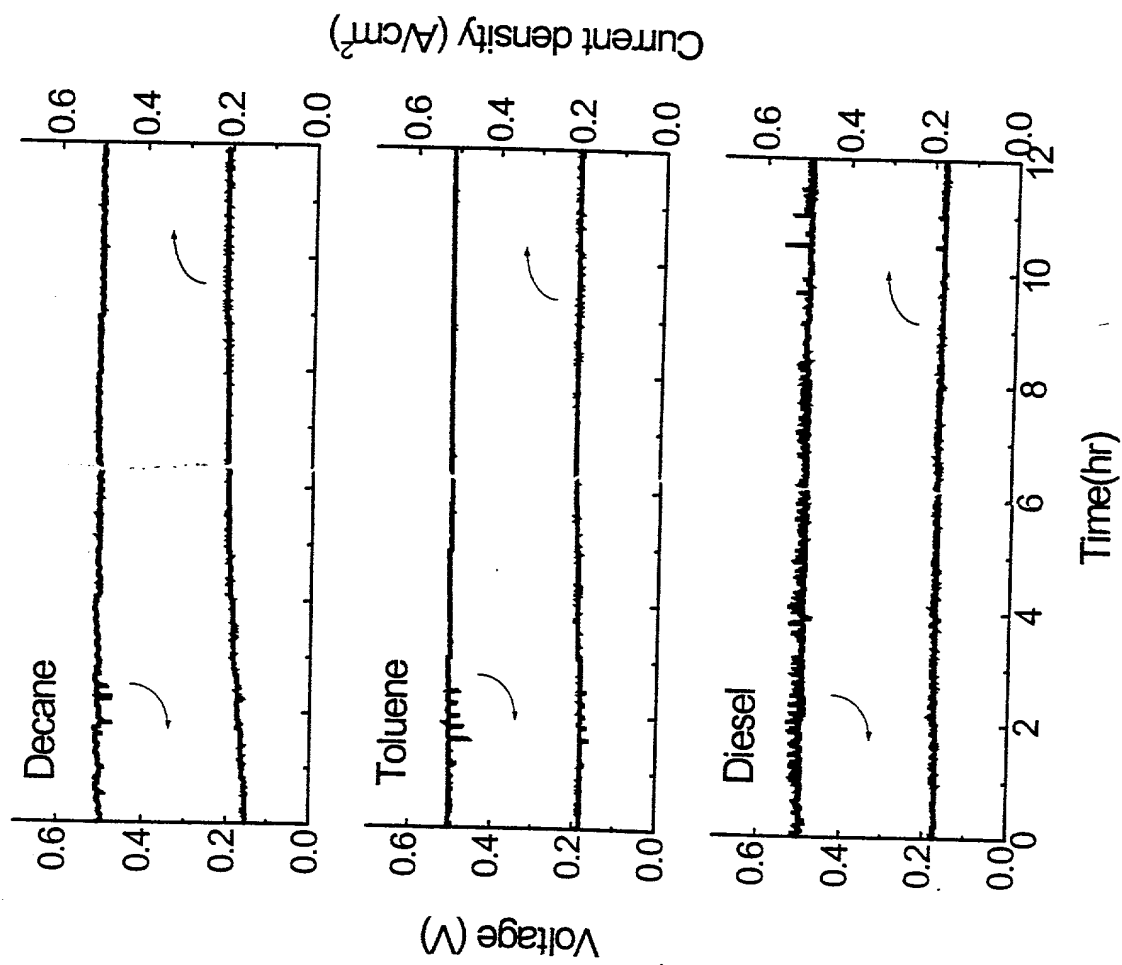
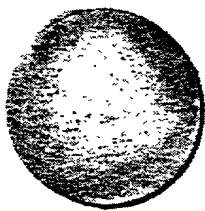
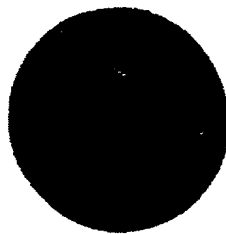


Fig. 11

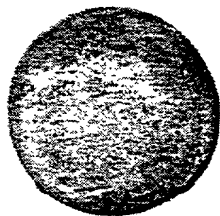
(a)



(c)



(b)



(d)



Fig. 12